FIG. 1

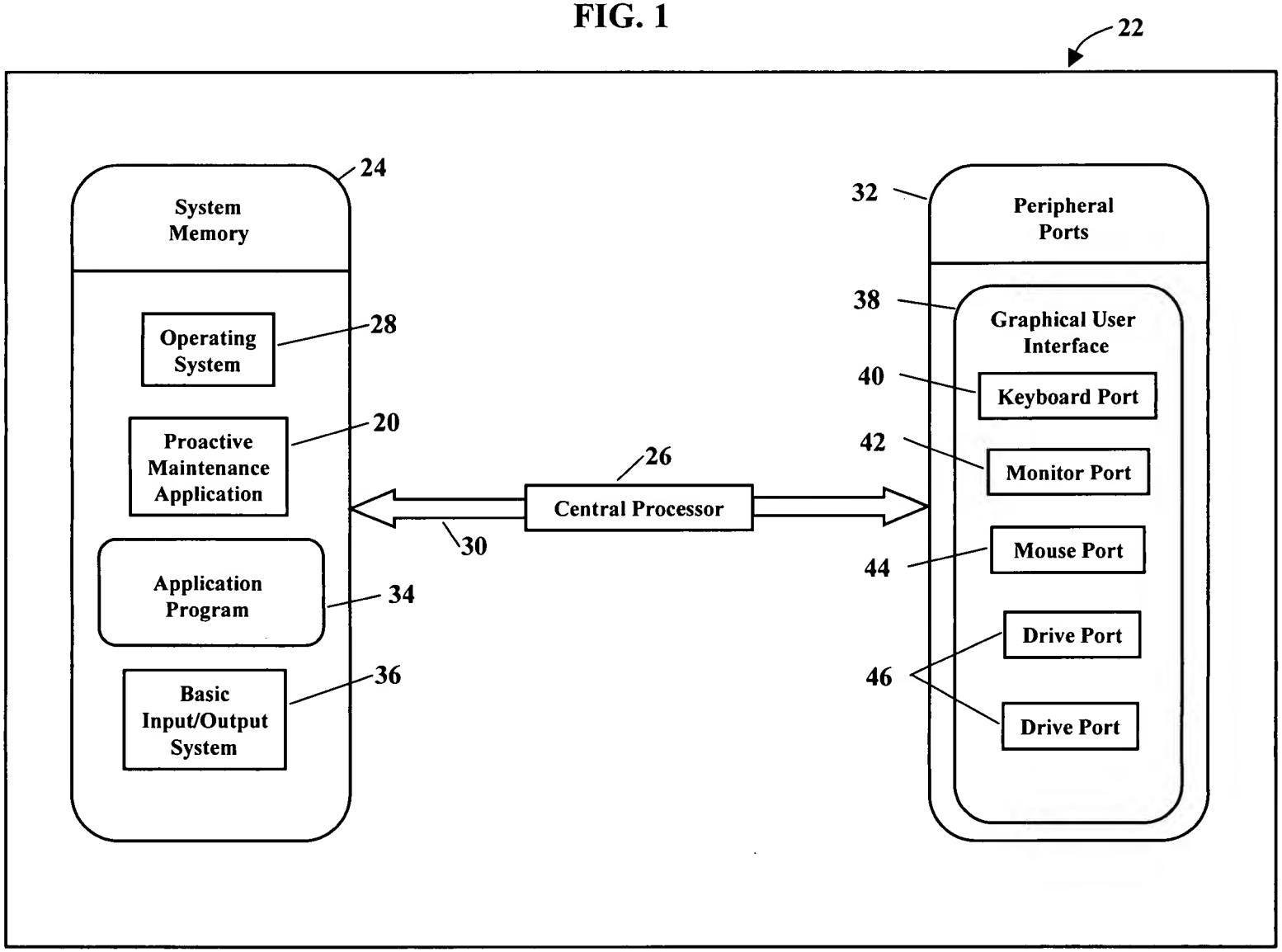
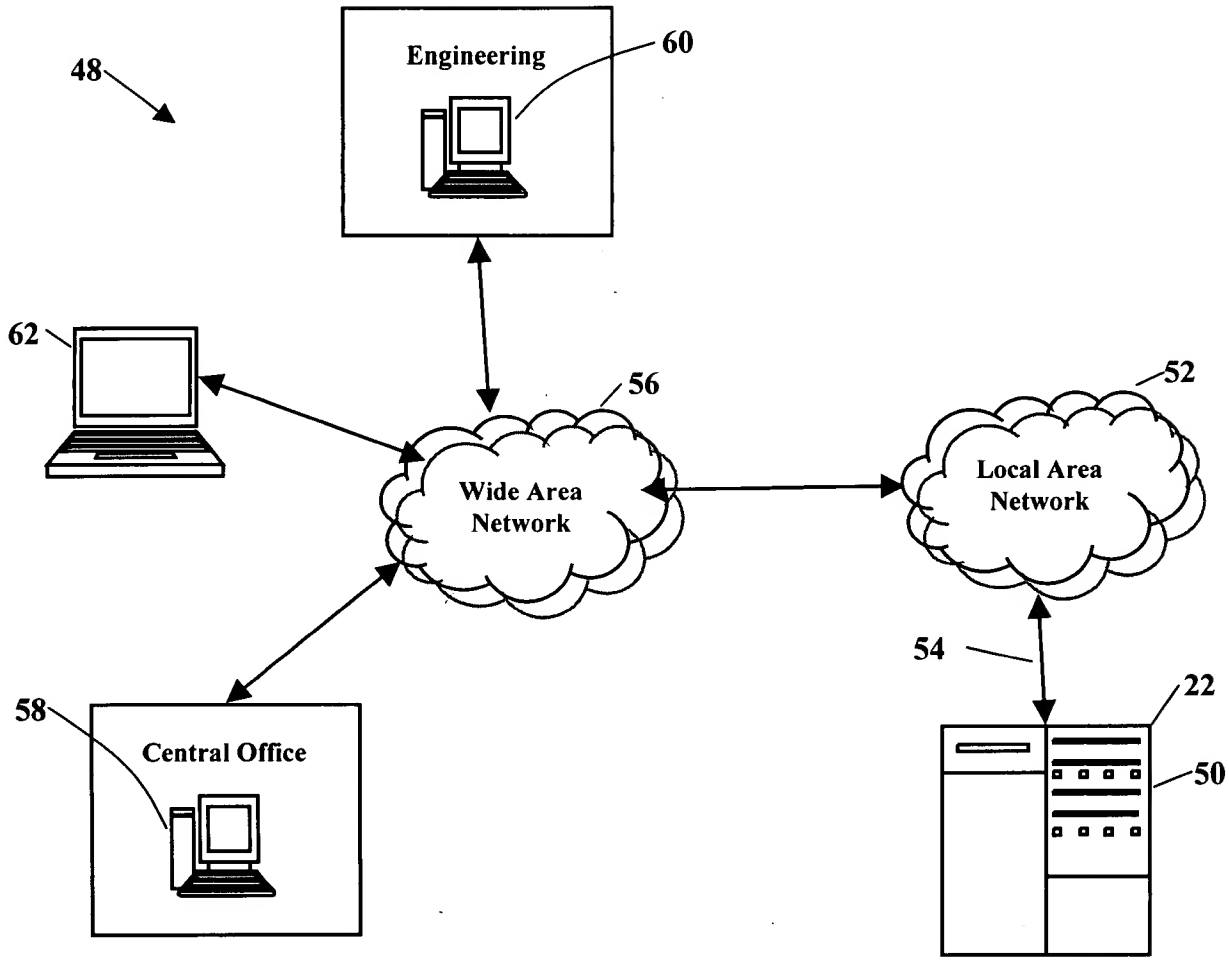
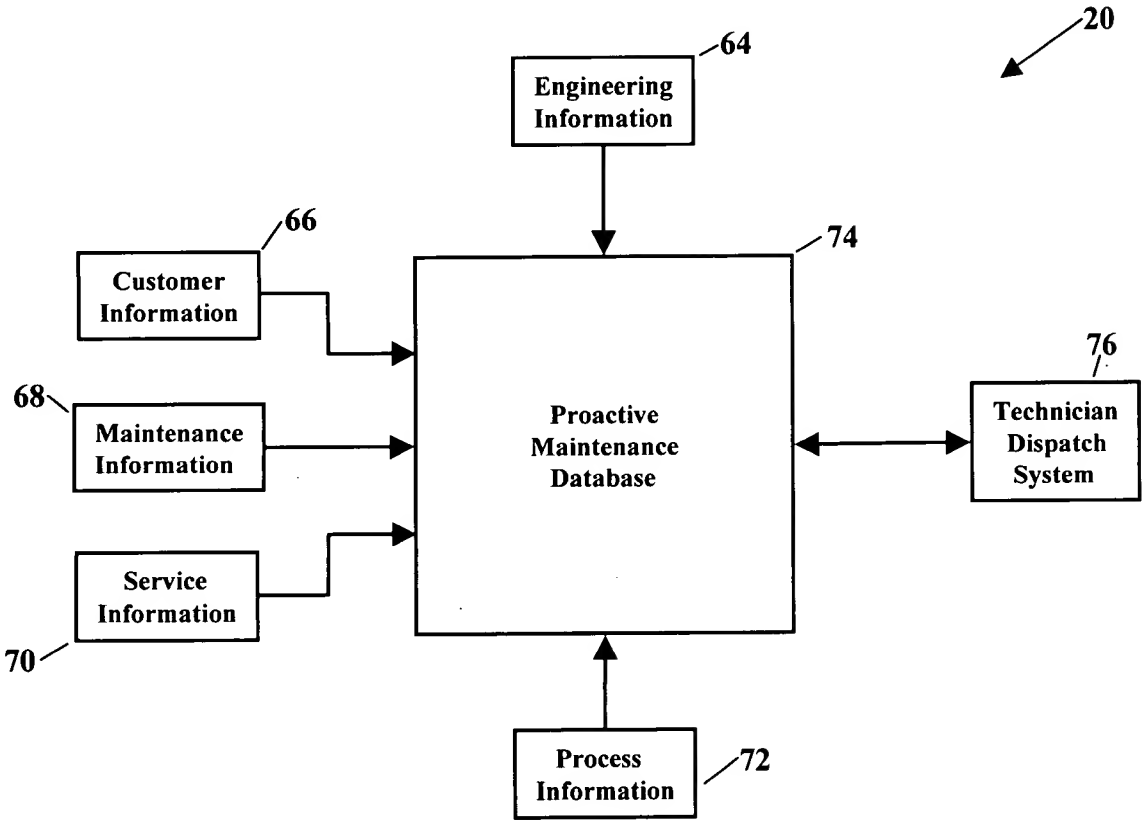

22
24
System Memory
Operating System
28
Proactive Maintenance Application
20
Application Program
34
Basic Input/Output System
36
26
Central Processor
30
32
Peripheral Ports
38
Graphical User Interface
40
Keyboard Port
42
Monitor Port
44
Mouse Port
46
Drive Port
Drive Port

FIG. 2


48
Engineering
60
62
56
52
Wide Area Network
Local Area Network
54
22
50
58
Central Office

DOCKET SCHEDULE

FIG. 3



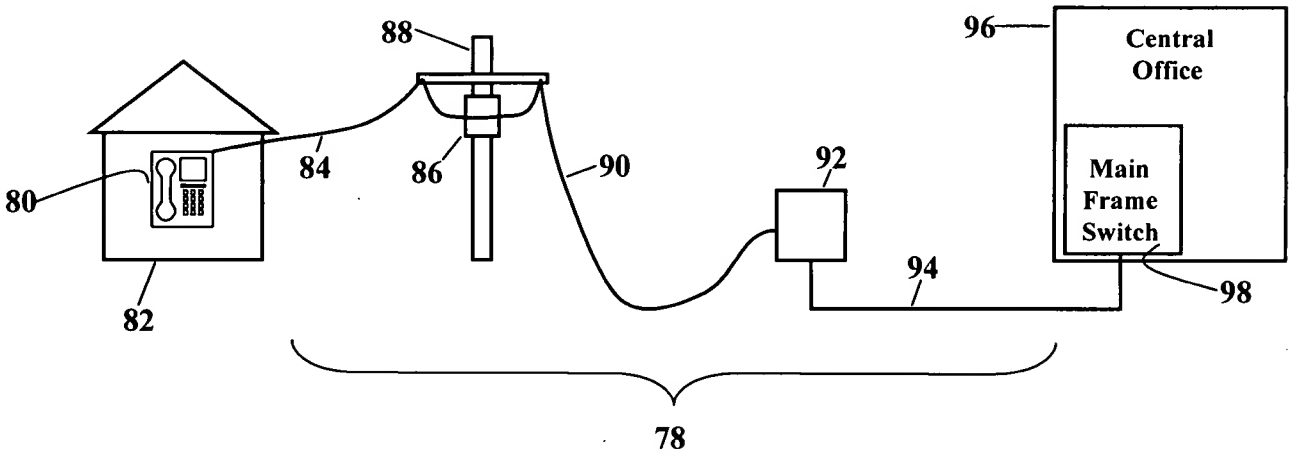

88
96
Central Office
80
84
86
90
92
Main Frame Switch
94
98
82
78

FIG. 4A

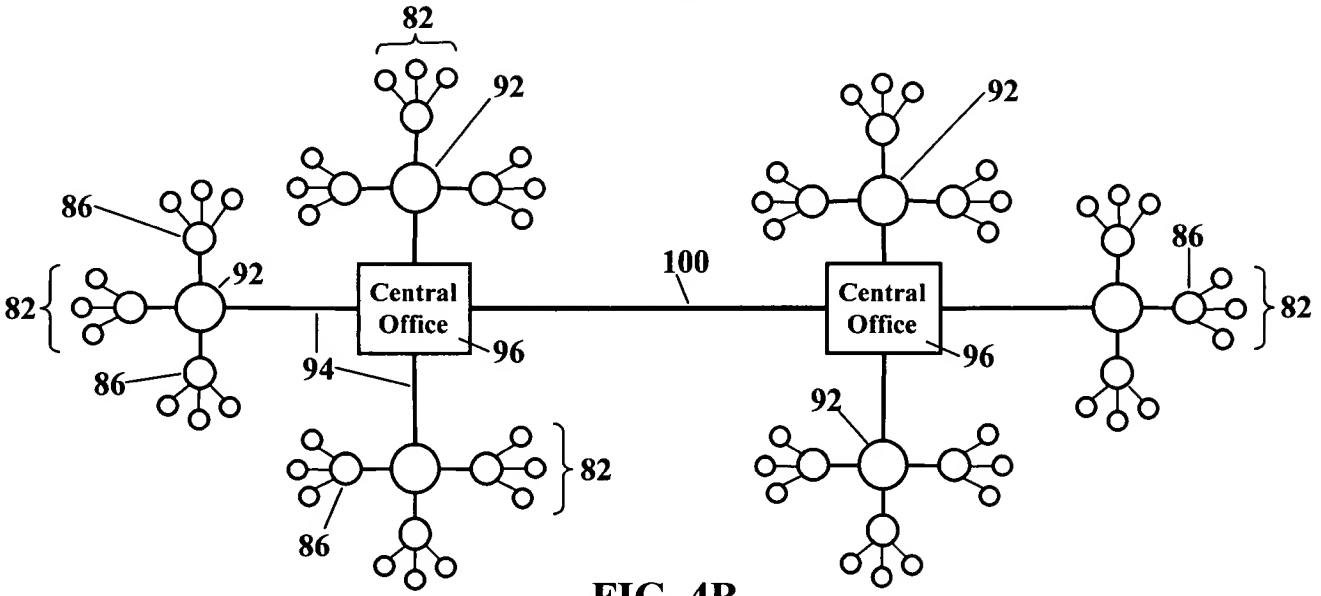
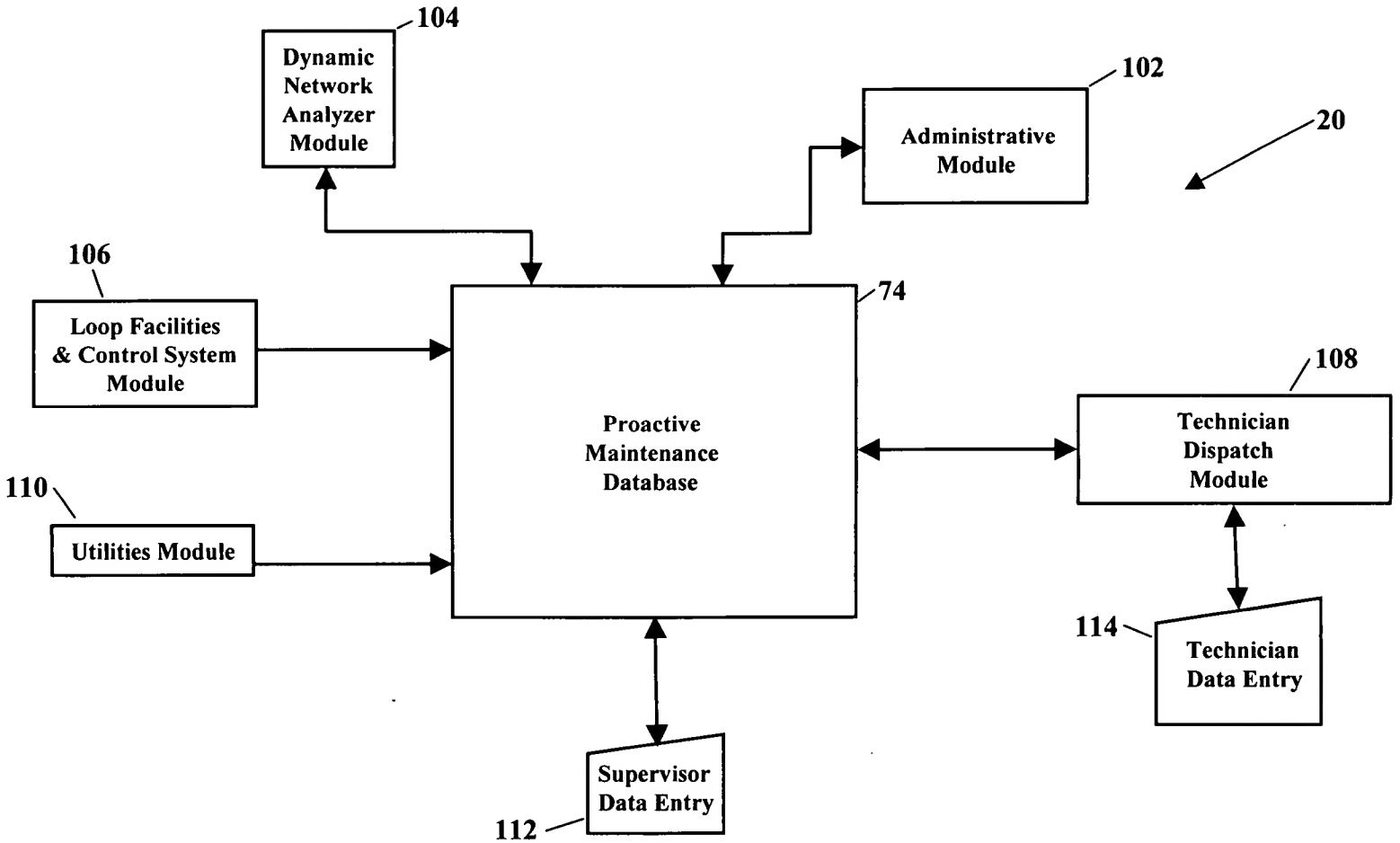

82
92
92
86
92
100
86
82
Central Office
Central Office
82
96
96
94
86
92
82
86

FIG. 4B

0002FF "SC7802C0

FIG. 5



09867-5078260

FIG. 6

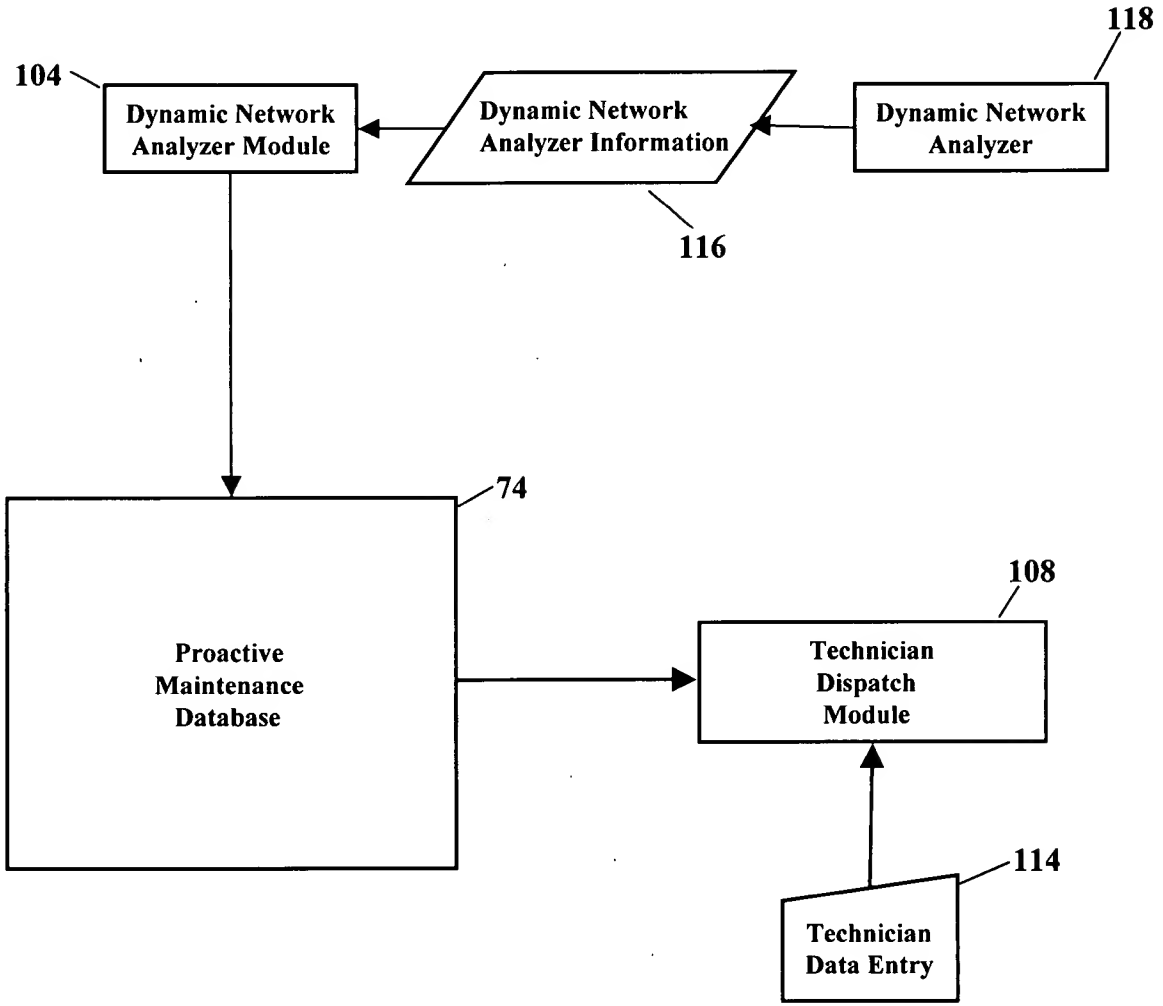
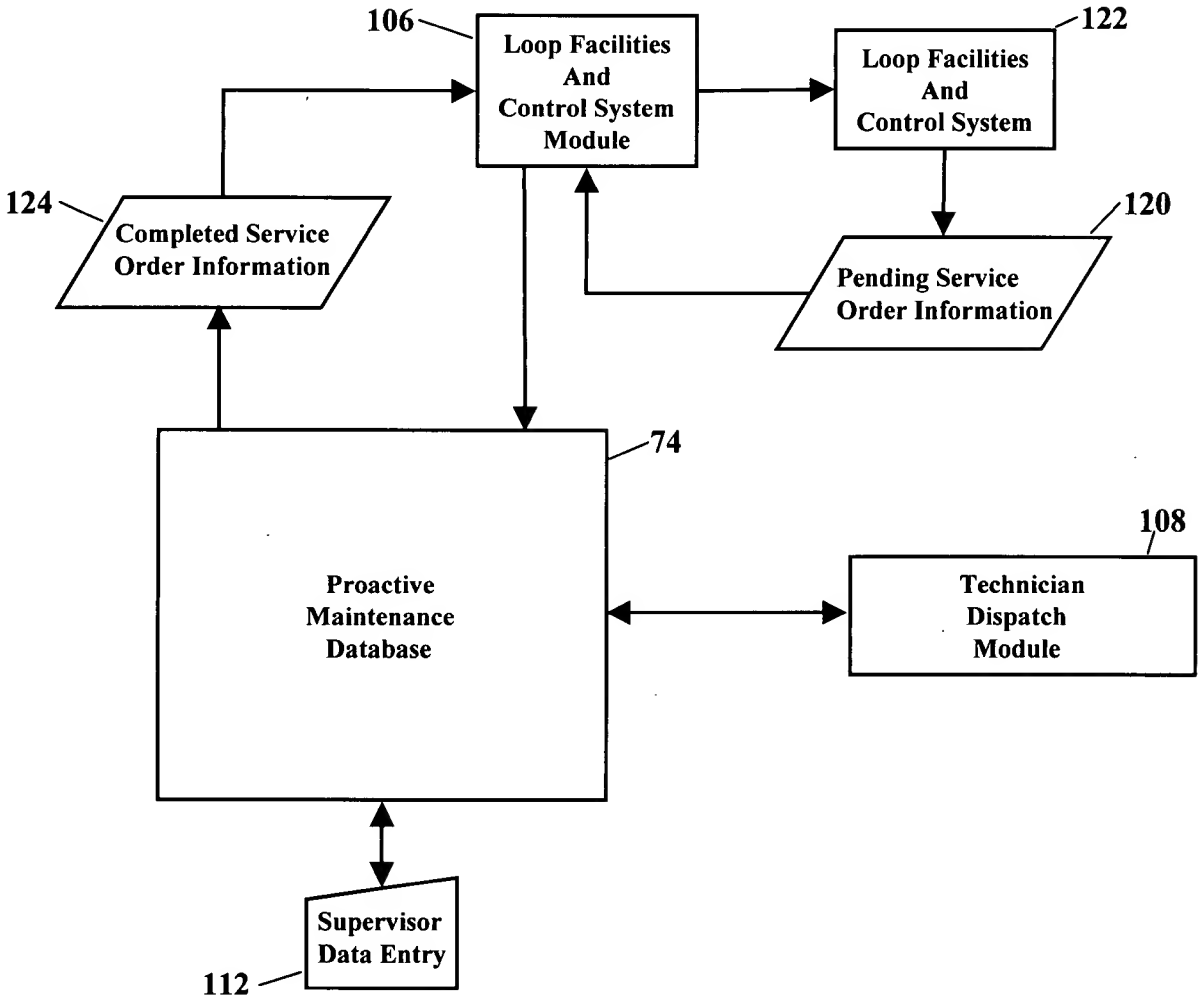


FIG. 7


106
Loop Facilities And Control System Module
122
Loop Facilities And Control System
124
Completed Service Order Information
120
Pending Service Order Information
74
Proactive Maintenance Database
108
Technician Dispatch Module
Supervisor Data Entry
112

Docket 56782CG

FIG. 8

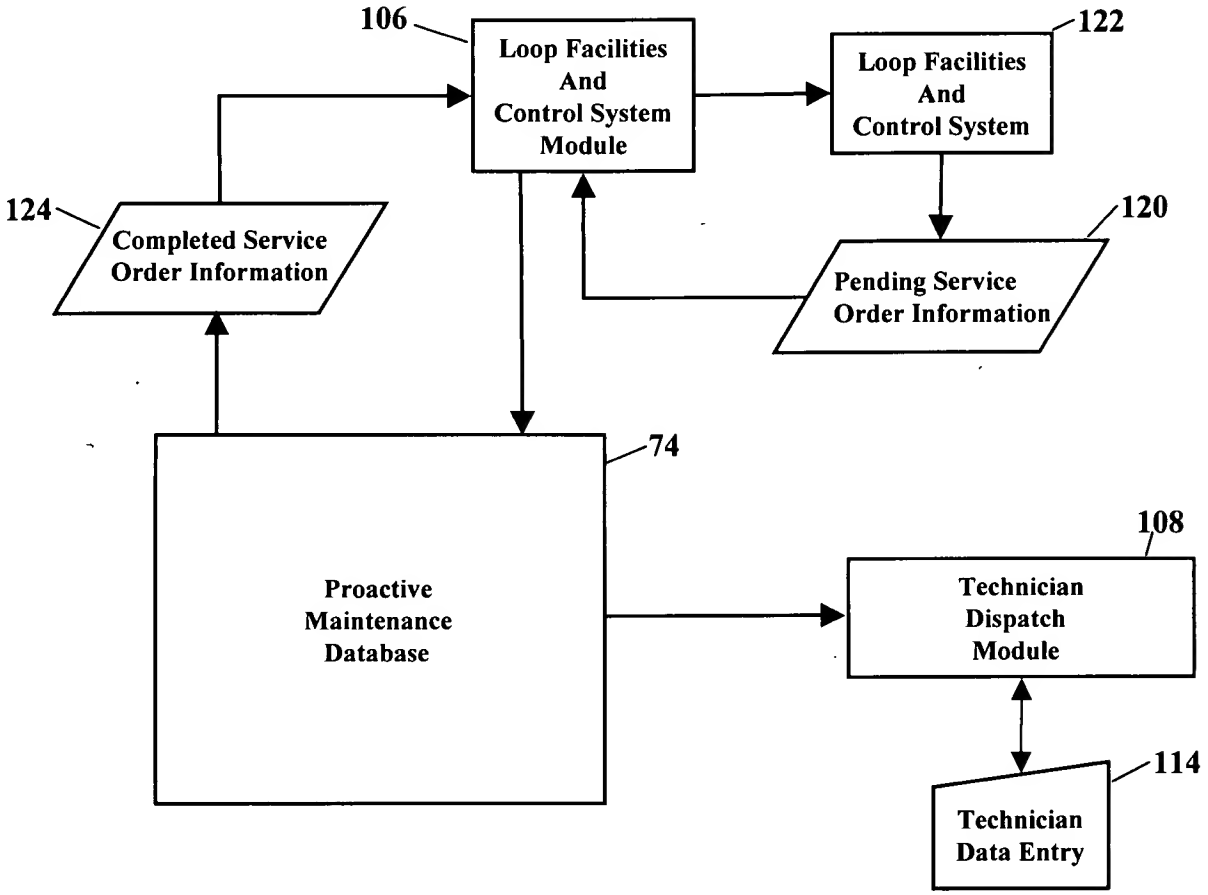


FIG. 9

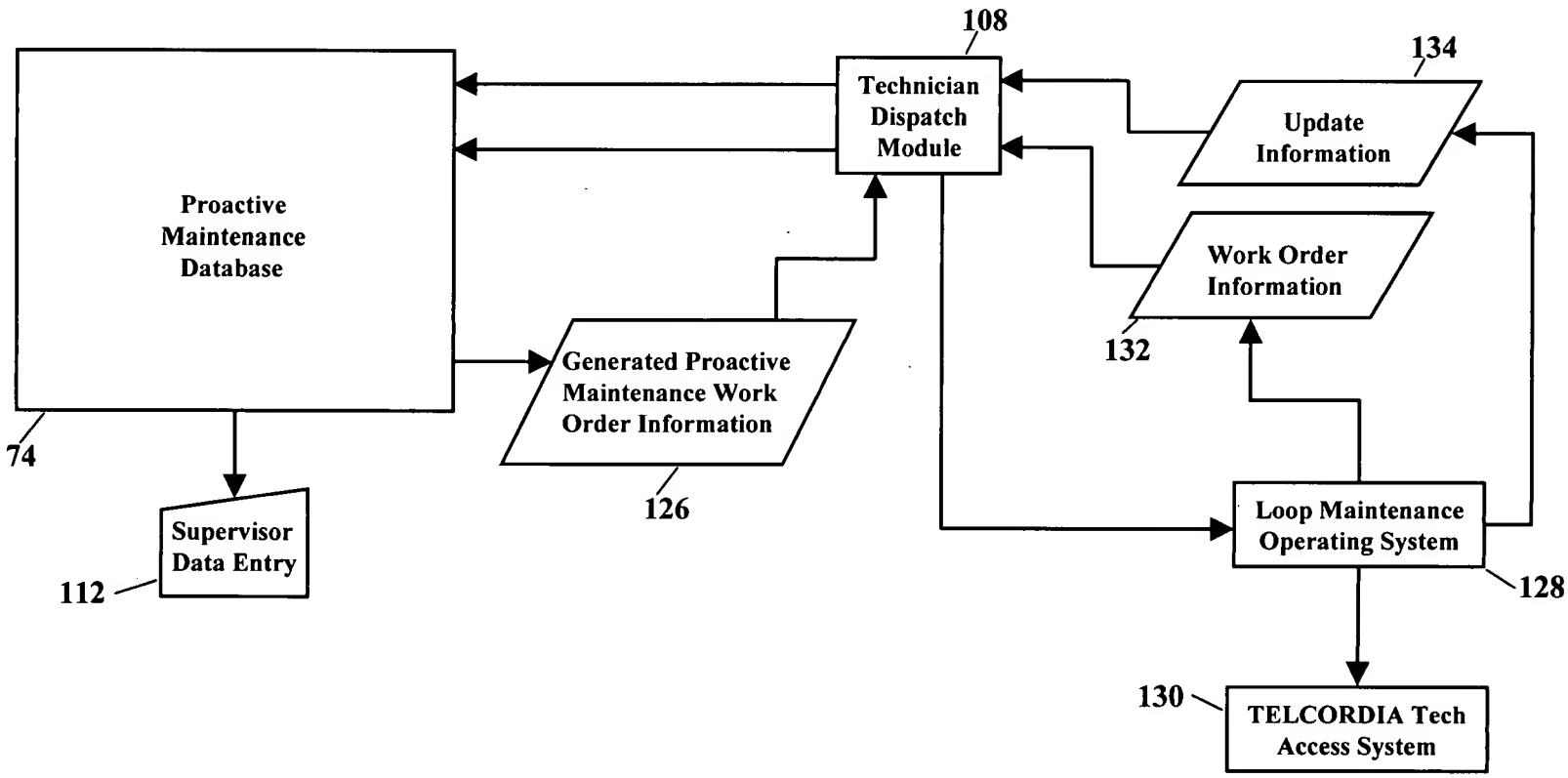

108
Technician Dispatch Module
134
Update Information
Work Order Information
132
Proactive Maintenance Database
74
Generated Proactive Maintenance Work Order Information
126
Supervisor Data Entry
112
Loop Maintenance Operating System
128
130
TELCORDIA Tech Access System

FIG. 10

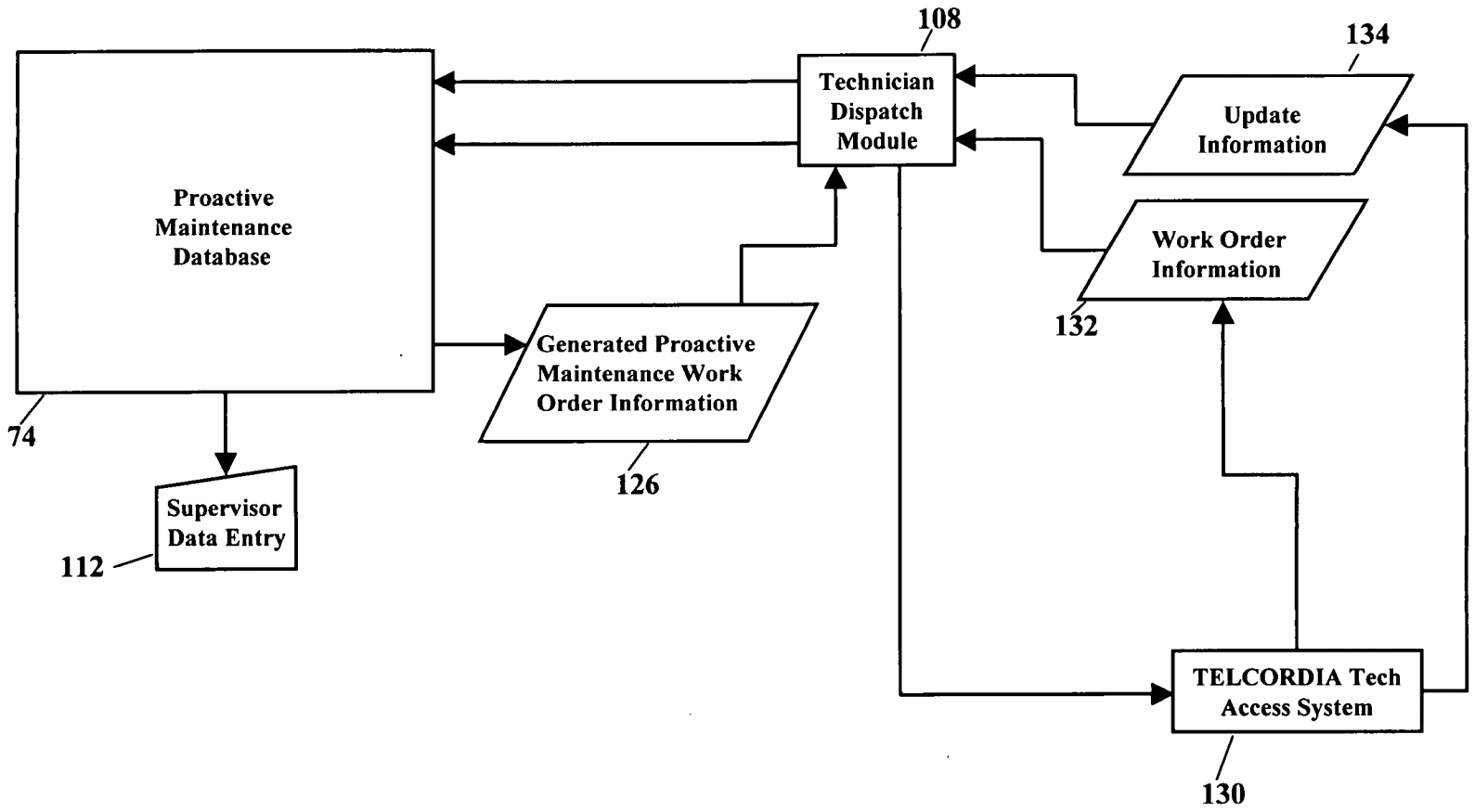

108
134
Technician Dispatch Module
Update Information
Proactive Maintenance Database
Work Order Information
132
Generated Proactive Maintenance Work Order Information
126
74
Supervisor Data Entry
112
TELCORDIA Tech Access System
130

FIG. 11

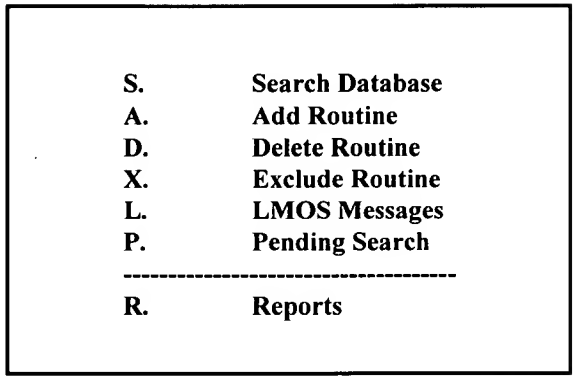

S. Search Database
A. Add Routine
D. Delete Routine
X. Exclude Routine
L. LMOS Messages
P. Pending Search
R. Reports

FIG. 12

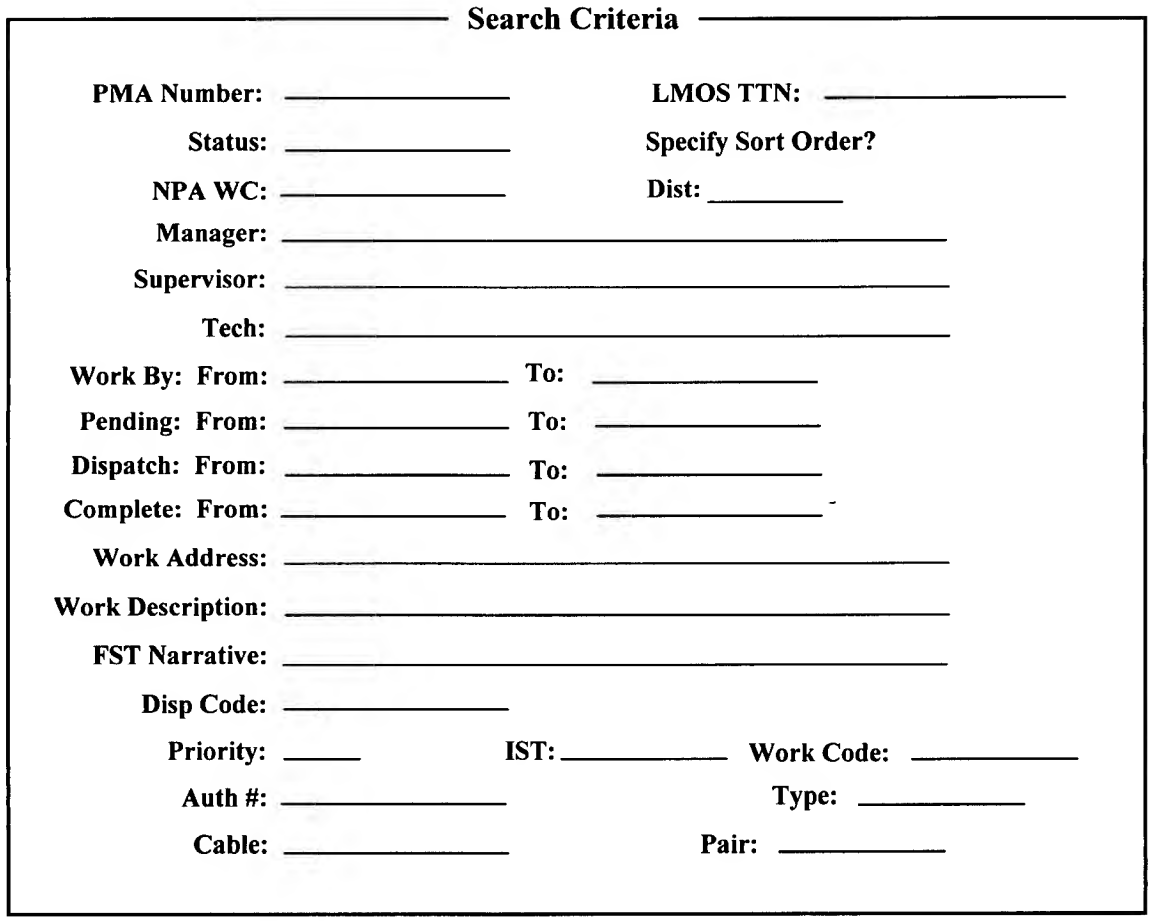

Search Criteria
PMA Number:
LMOS TTN:
Status:
Specify Sort Order?
NPA WC:
Dist:
Manager:
Supervisor:
Tech:
Work By: From:
To:
Pending: From:
To:
Dispatch: From:
To:
Complete: From:
To:
Work Address:
Work Description:
FST Narrative:
Disp Code:
Priority:
IST:
Work Code:
Auth #:
Type:
Cable:
Pair:

FIG. 13

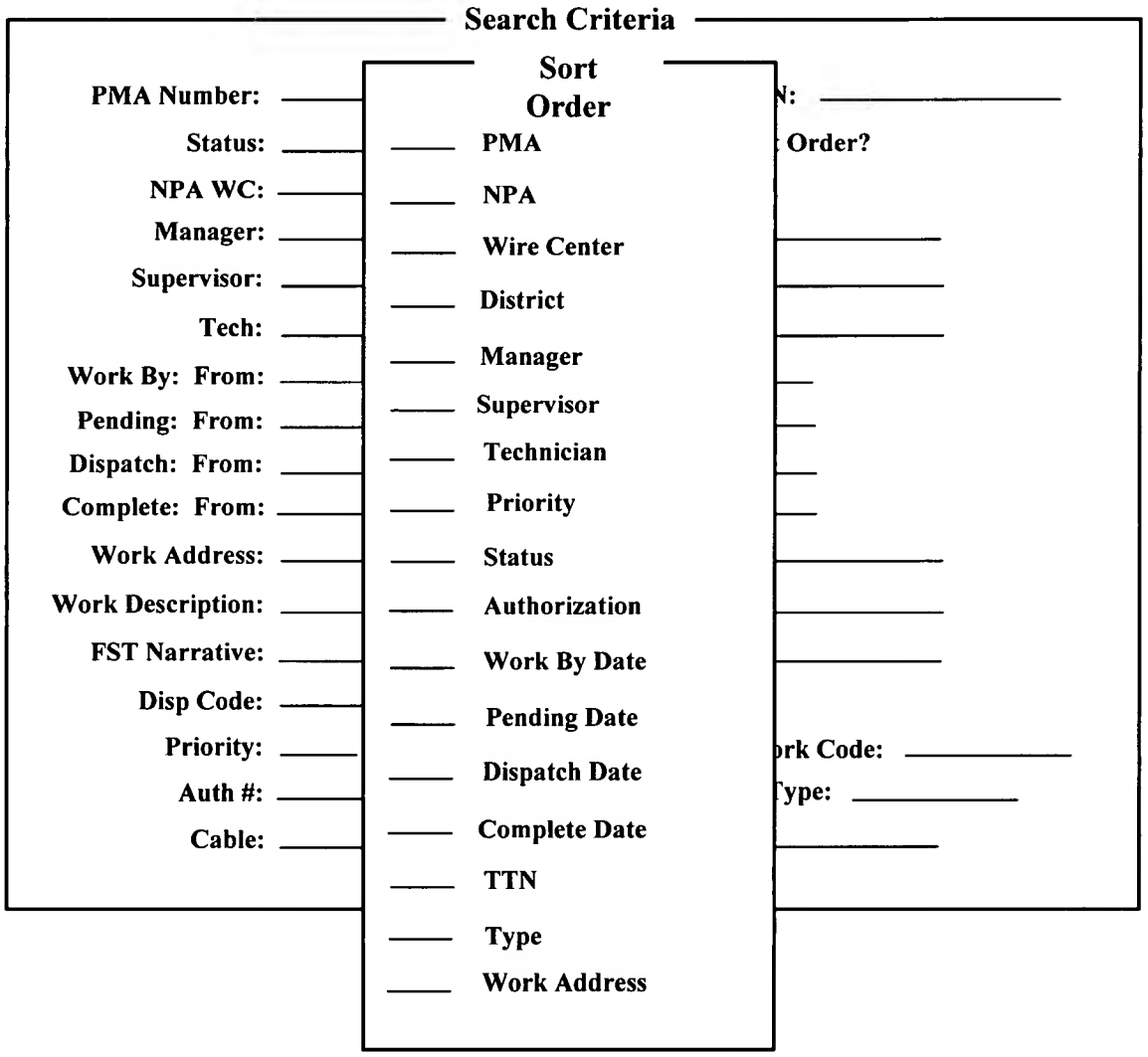

Search Criteria
PMA Number:
Status:
NPA WC:
Manager:
Supervisor:
Tech:
Work By: From:
Pending: From:
Dispatch: From:
Complete: From:
Work Address:
Work Description:
FST Narrative:
Disp Code:
Priority:
Auth #:
Cable:
Sort Order
PMA
NPA
Wire Center
District
Manager
Supervisor
Technician
Priority
Status
Authorization
Work By Date
Pending Date
Dispatch Date
Complete Date
TTN
Type
Work Address
N:
Order?
ork Code:
Type:

FIG. 14

PMA Number	Auth	NPA	Wire Ctr	Dist Num	S	Pending Date	Work By Date	Dispatch Date	Complete Date
990603181		**404**	**283**	**1773**	**D**	**6/10/00**	**6/10/00**	**6/10/00**	
990603322		404	283	1773		6/10/00	6/10/00	6/10/00	
990603187		404	284	1773		6/10/00	6/10/00	6/10/00	
990601004		404	285	1773		6/3/00	6/3/00	6/3/00	
990603524		404	285	1773		6/10/00	6/10/00	6/10/00	
	Manager:		Smith			Supervisor:	Jones		
	Technician:		999 999 999						
	IST:	DPO	Line Records:			404283RTAP01	LMOS TTN:		1134
	Pre-Assign: Y			Priority: 5		Estimated Time: 8		Actual Time:	
	Additional Tasks: N			Task: 1 of 1			# Cable Recs: 0		
	FST Narrative: ETA 0747A								
	Work Address: Main Street Work Center								
	Work Description: Run Helium on Buried Cable to Locate Air Leak								
N - Notes, C - Cable, M - Messages, D -Dispatch, E - Edit, S - Select, P - Print, F - Find, Q -Quit									

FIG. 15

PMA Number	Auth	NPA	Wire Ctr	Dist Num	S	Pending Date	Work By Date	Dispatch Date	Complete Date
000603181		404	283	1773	D		6/10/00	6/10/00	

Notes

FIG. 16

PMA Number	Auth	NPA	Wire Ctr	Dist Num	S	Pending Date	Work By Date	Dispatch Date	Complete Date
990603181		**404**	**283**	**1773**	**D**	**6/10/00**	**6/10/00**	**6/10/00**	
990603322		404	283	1773		6/10/00	6/10/00	6/10/00	
990603187		404	284	1773		6/10/00	6/10/00	6/10/00	
990601004		404	285	1773		6/3/00	6/3/00	6/3/00	
990603524		404						6/10/00	
	Manager:								
	Technician								
	IST:	DPC						1134	
	Pre-Assign							Actual Time:	
	Additional								
	FST Narrat								
	Work Addr								
	Work Desc								

PMA Cable Records

Cable	Low Pair	High Pair
1612	**76**	**100**

N - Notes, C - Cable, M - Messages, D -Dispatch, E - Edit, S - Select, P - Print, F - Find, Q -Quit

FIG. 17

PMA Number	Auth	NPA	Wire Ctr	Dist Num	S	Pending Date	Work By Date	Dispatch Date	Complete Date
990603181		**404**	**283**	**1773**	**D**	**6/10/00**	**6/10/00**	**6/10/00**	
990603322		404	283	1773		6/10/00	6/10/00	6/10/00	
990603187		404	284	1773		6/10/00	6/10/00	6/10/00	
990601004		404	285	1773		6/3/00	6/3/00	6/3/00	
990603524		404	285	1773		6/10/00	6/10/00	6/10/00	

Other Messages

Created by: Smith

Dispatch Time: 0747 **Complete Time: 1200**

LMOS Return Message: 0055501 Created TN 205221RTPPS08

LMOS Time Stamp: 06/01/00 07:15:37 pckmcryk

	FST Narrative: ETA 0747A								
	Work Address: Main Street Work Center								
	Work Description: Run Helium on Buried Cable to Locate Air Leak								

N - Notes, C - Cable, M - Messages, D -Dispatch, E - Edit, S - Select, P - Print, F - Find, Q -Quit

FIG. 18

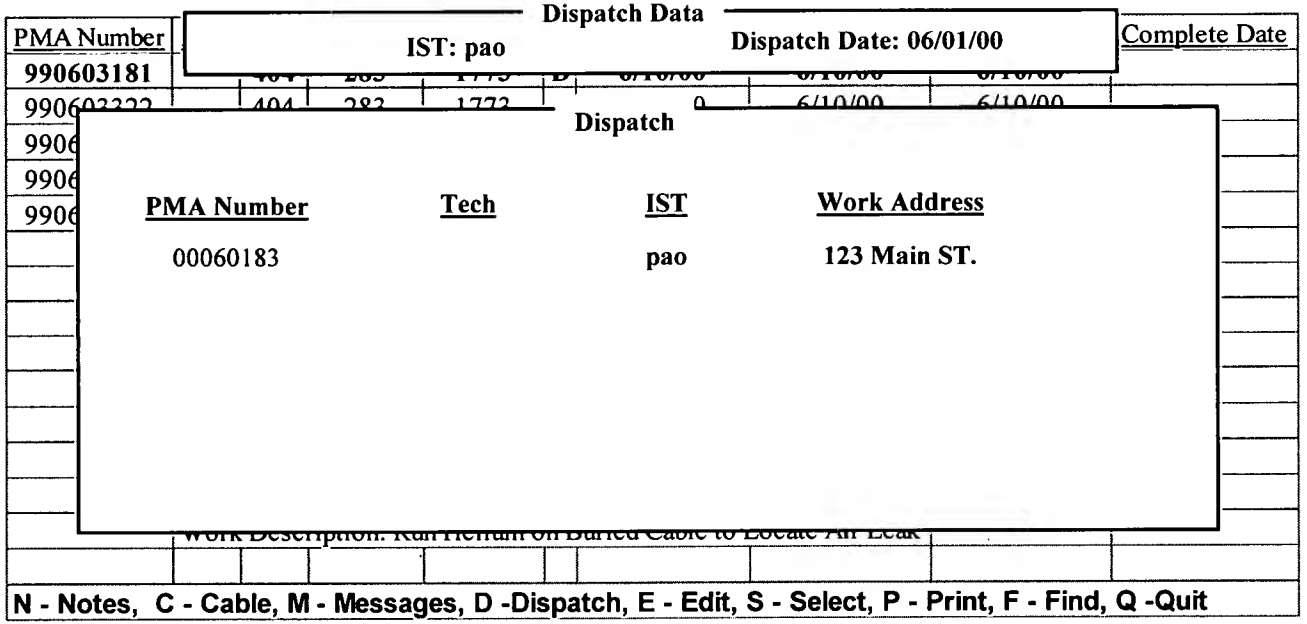

Dispatch Data
IST: pao
Dispatch Date: 06/01/00
PMA Number
Complete Date
990603181
Dispatch
PMA Number
Tech
IST
Work Address
00060183
pao
123 Main ST.
N - Notes, C - Cable, M - Messages, D -Dispatch, E - Edit, S - Select, P - Print, F - Find, Q -Quit

FIG. 19

PMA Number	Auth	NPA	Wire Ctr	Dist Num	S	Pending Date	Work By Date	Dispatch Date	Complete Date
990603181		404	283	1773	D	6/10/00	6/10/00	6/10/00	
990603322		404	283	1773		6/10/00	6/10/00	6/10/00	
990603187		404	284	1773		6/10/00	6/10/00	6/10/00	
990601004		404	285	1773		6/3/00	6/3/00	6/3/00	
990603524		404	285	1773		6/10/00	6/10/00	6/10/00	
	Manager:		**Smith**			**Supervisor:**	**Jones**		
	Technician 999 999 999								
	IST:	DPO	Line Records:		404283RTAP01		LMOS TTN:	1134	
	Pre-Assign: Y			**Priority: 5**	**Estimated Time: 8**			Actual Time:	
	Additional Tasks: N			Task: 1 of 1			# Cable Recs: 0		
	FST Narrative: ETA 0747A								
	Work Address: Main Street Work Center								
	Work Description: Run Helium on Buried Cable to Locate Air Leak								
N - Notes, C - Cable, M - Messages, D -Dispatch, E - Edit, S - Select, P - Print, F - Find, Q -Quit									

FIG. 20

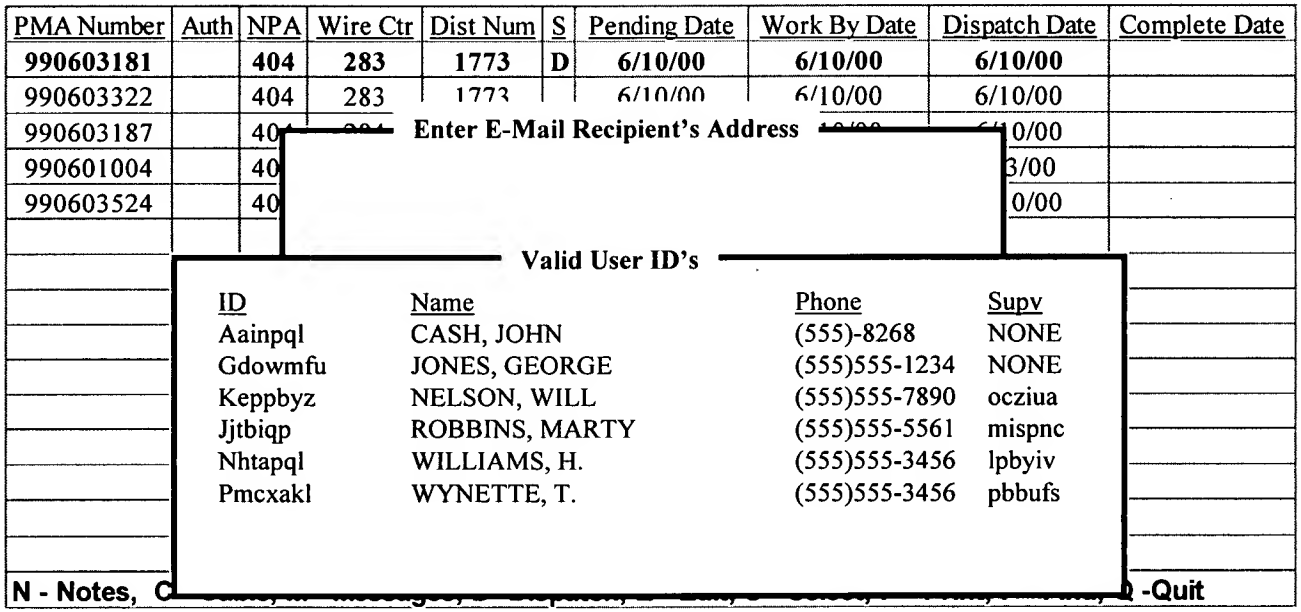

PMA Number | Auth | NPA | Wire Ctr | Dist Num | S | Pending Date | Work By Date | Dispatch Date | Complete Date
990603181 | | 404 | 283 | 1773 | D | 6/10/00 | 6/10/00 | 6/10/00 |
990603322 | | 404 | 283 | 1773 | | 6/10/00 | 6/10/00 | 6/10/00 |
990603187 | | 40 | | | | | | 0/00 |
990601004 | | 40 | | | | | | 3/00 |
990603524 | | 40 | | | | | | 0/00 |
Enter E-Mail Recipient's Address
Valid User ID's
ID | Name | Phone | Supv
Aainpql | CASH, JOHN | (555)-8268 | NONE
Gdowmfu | JONES, GEORGE | (555)555-1234 | NONE
Keppbyz | NELSON, WILL | (555)555-7890 | ocziua
Jjtbiqp | ROBBINS, MARTY | (555)555-5561 | mispnc
Nhtapql | WILLIAMS, H. | (555)555-3456 | lpbyiv
Pmcxakl | WYNETTE, T. | (555)555-3456 | pbbufs
N - Notes, C
-Quit

FIG. 21

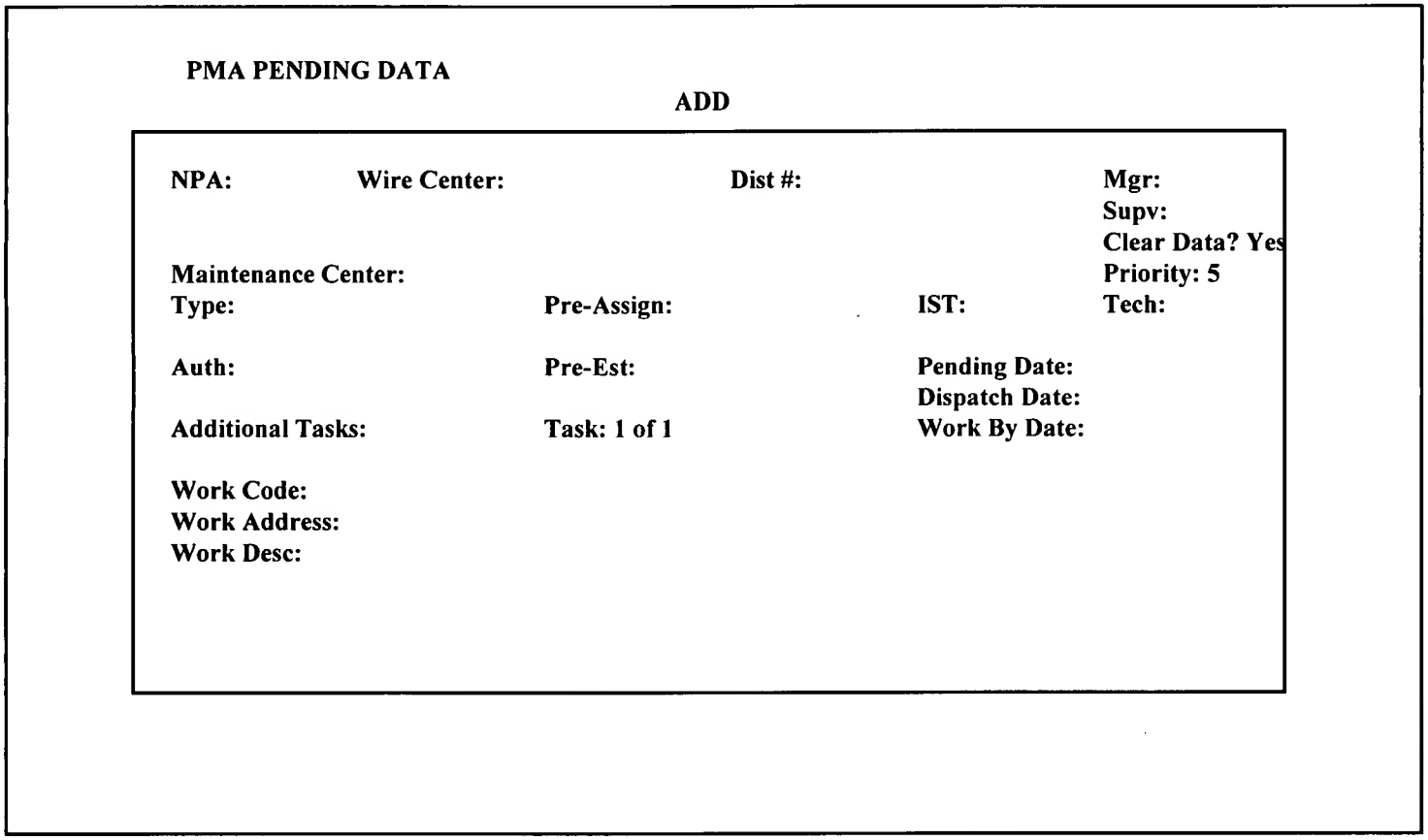

PMA PENDING DATA
ADD
NPA:
Wire Center:
Dist #:
Mgr:
Supv:
Clear Data? Yes
Priority: 5
Maintenance Center:
Type:
Pre-Assign:
IST:
Tech:
Auth:
Pre-Est:
Pending Date:
Dispatch Date:
Additional Tasks:
Task: 1 of 1
Work By Date:
Work Code:
Work Address:
Work Desc:

FIG. 22

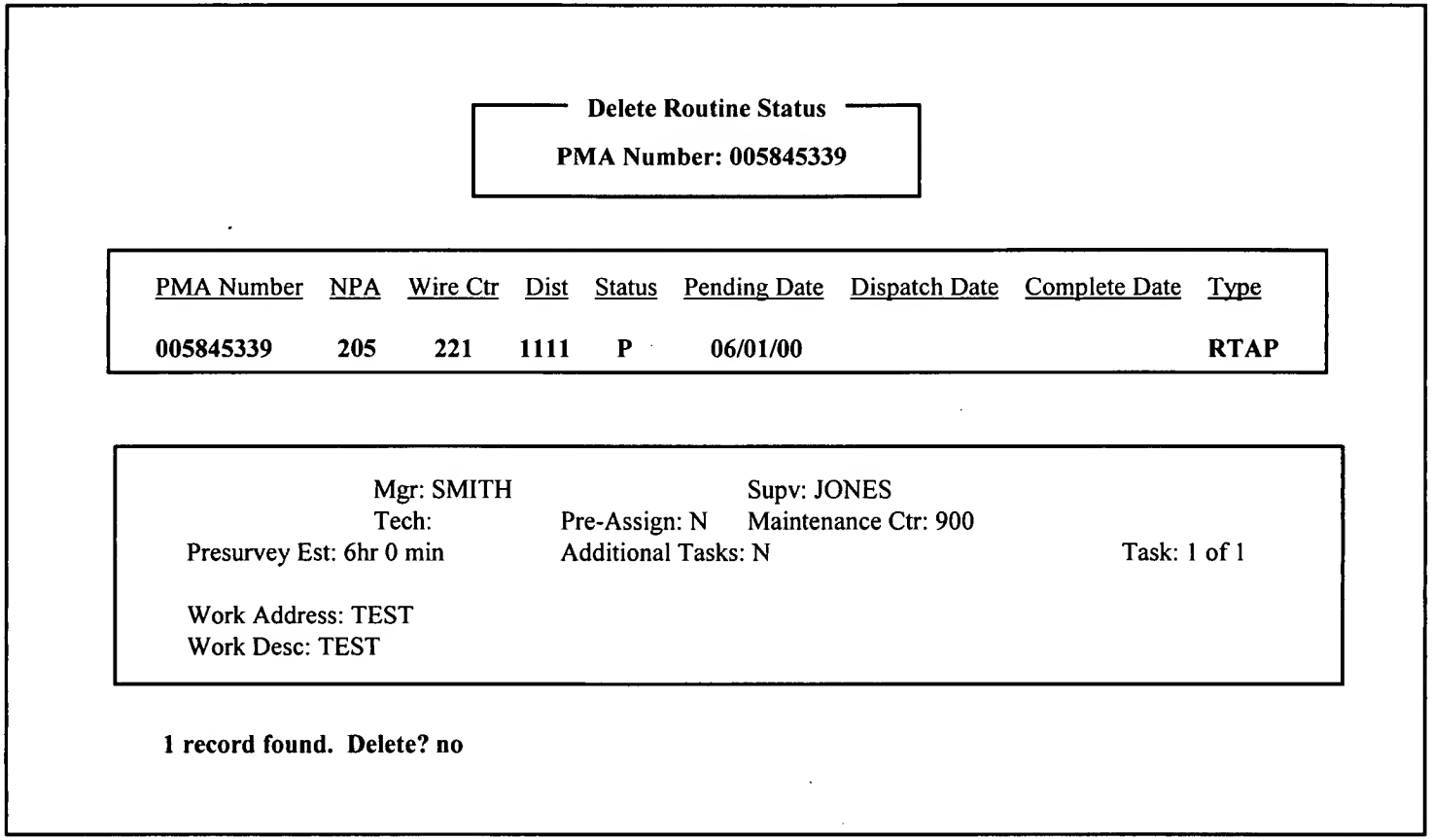

Delete Routine Status
PMA Number: 005845339
PMA Number NPA Wire Ctr Dist Status Pending Date Dispatch Date Complete Date Type
005845339 205 221 1111 P 06/01/00 RTAP
Mgr: SMITH
Supv: JONES
Tech:
Pre-Assign: N
Maintenance Ctr: 900
Presurvey Est: 6hr 0 min
Additional Tasks: N
Task: 1 of 1
Work Address: TEST
Work Desc: TEST
1 record found. Delete? no

FIG. 23

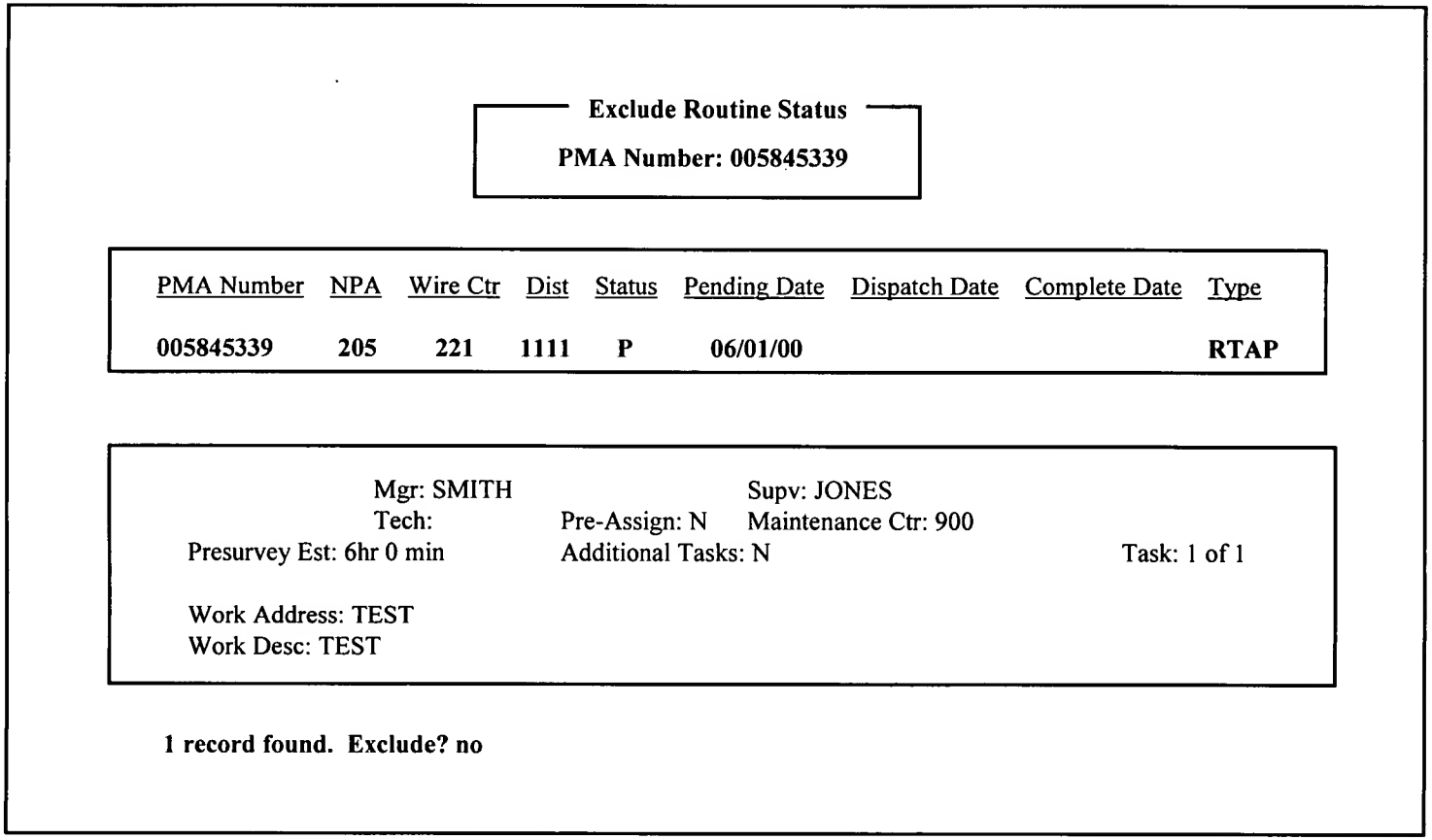

Exclude Routine Status
PMA Number: 005845339
PMA Number NPA Wire Ctr Dist Status Pending Date Dispatch Date Complete Date Type
005845339 205 221 1111 P 06/01/00 RTAP
Mgr: SMITH
Supv: JONES
Tech:
Pre-Assign: N
Maintenance Ctr: 900
Presurvey Est: 6hr 0 min
Additional Tasks: N
Task: 1 of 1
Work Address: TEST
Work Desc: TEST
1 record found. Exclude? no

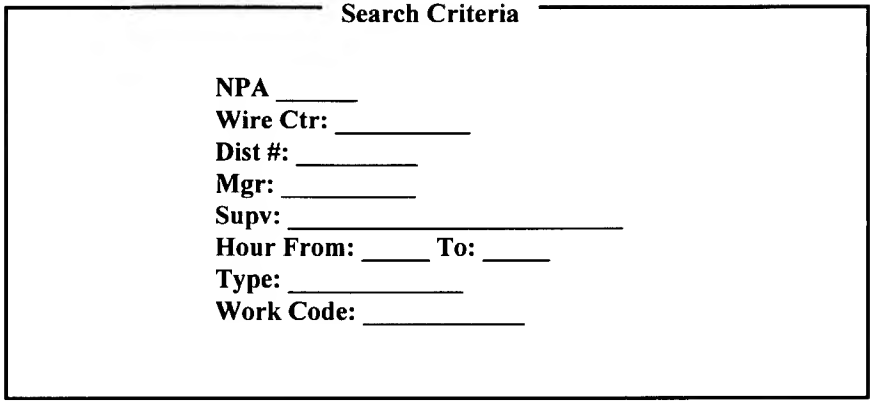
FIG. 24

LMOS Return Messages

PMA Number	LMOS Time & Date	Complete Time & Date
000635924	06/01/00 06:15:00	06/01/00 07:47:15
0035226	created TTN 555555RTAP02	
000655119	06/01/00 08:37:15	06/01/00 11:56:43
0059935	created TTN 555555RTAP13	
000629881	06/02/00 14:22:56	06/03/00 09:33:40
0098662	created TTN 555555RTMISC11	

P- Print, F- Find, Q- Quit

FIG. 25


Search Criteria
NPA _____
Wire Ctr: _____
Dist #: _____
Mgr: _____
Supv: _____
Hour From: _____ To: _____
Type: _____
Work Code: _____

OBJECT SEARCH

FIG. 26

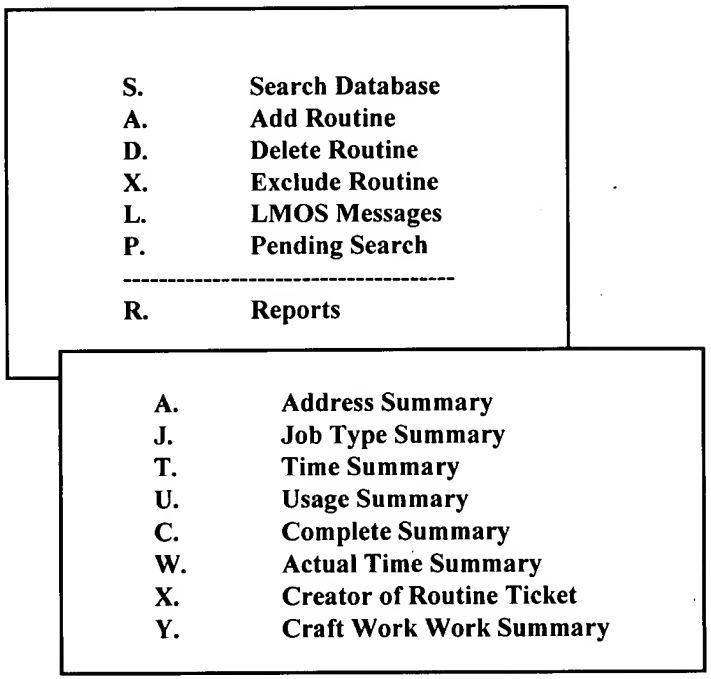
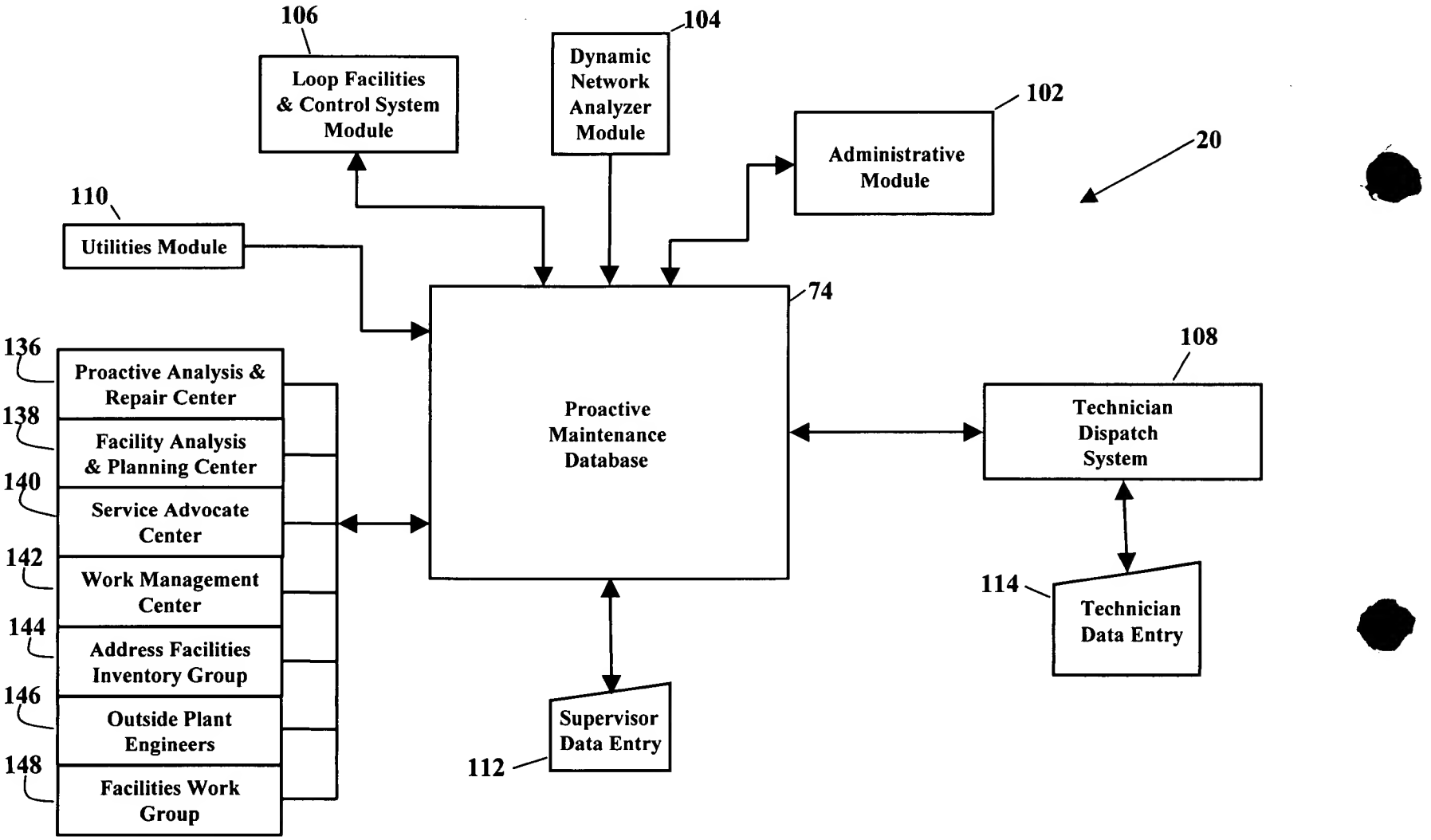


FIG. 27


106
Loop Facilities & Control System Module
104
Dynamic Network Analyzer Module
102
Administrative Module
20
110
Utilities Module
74
Proactive Maintenance Database
108
Technician Dispatch System
136
Proactive Analysis & Repair Center
138
Facility Analysis & Planning Center
140
Service Advocate Center
142
Work Management Center
144
Address Facilities Inventory Group
146
Outside Plant Engineers
148
Facilities Work Group
112
Supervisor Data Entry
114
Technician Data Entry